



## **Biodefense Knowledge Center**



**Bill Colston, PhD**

**Director**

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Dr. Colston is currently the director of the new Department of Homeland Security Biodefense Knowledge Center (BKC) located at Lawrence Livermore National Laboratory. The BKC has been established to develop a new, distributed information management infrastructure for anticipating, preventing, and responding to biological terrorism. The mission of the BKC is to connect policy makers, responders, analysts, law enforcement personnel, and scientists in the homeland security community to assure timely and authoritative biodefense information is available to those who need the information.

Previously, Dr. Colston was an associate program leader for the Chemical and Biological National Security Program where he oversaw research and development efforts in the area of next- generation detection tools for biological threats. He has led large, multi-disciplinary research teams, and has focused on delivering capabilities from concept to product. His area of research interest includes molecular parthenogenesis of infectious disease, diagnostic devices, and knowledge science.

He holds a Ph.D. from the University of California, Davis in biomedical engineering. He has published more than 35 publications in scientific literature, holds more than 15 patents related to medical diagnostics and imaging devices, and has received three R&D 100 awards.